

INDEX TO VOLUME 20

AUTHORS INDEX

A

- ABERCROMBIE, T. F. School health program, 1111
 ARNOLD, EDMOND B., AND CUNNINGHAM, J. S. Coil springs as application of force, 577
 ARNOLD, FLOYD. What are the causes of failure of eruption of deciduous molars? 1023
 ASHLEY-MONTAGU, M. F. Form and dimensions of palate in newborn, 694, 810
 —. Philosophy of as-if and Simon's orbital law of canines, together with certain remarks on skull of an idiot, 25

B

- BALYEAT, RAY M., AND BOWEN, RALPH. Facial and dental deformities due to perennial nasal allergy in childhood, 445
 BENNETT, SIR NORMAN. Psychology of orthodontic treatment, 158
 BLUMENTHAL, FRED RALPH. Dental abnormalities for the orthodontist's consideration, 1145
 BOWEN, RALPH. (See Balyeat, Ray M., and Bowen, Ralph), 445
 BRAUER, JOHN C. Examining the child, 598
 —. Submerged deciduous teeth, 500
 —. Telling the mother, 715
 BRAY, CHARLES B. Case of edentulous child, 602
 —. Clinical aspect of conduct of dental practice for children, 378
 BRENNEMANN, JOSEPH. Pediatric psychology and child guidance movement, 191, 298
 BRIGGS, WALTER EMERSON. Responsibility of children's dentistry for dental health, 917
 BRUSSE, ARCHIE, AND CARMAN, J. LYNDON. Chrome alloy, 337
 BUCKLEY, E. F. Soft rubber plane, 135
 BULL, F. BOCQUET. Four cases of irregularity in maxillary incisor region, 580

C

- CARMAN, J. LYNDON. (See Brusse, Archie, and Carman, J. Lyndon), 337
 CATCHPOLE, O. N. Extra feature when deciding treatment, 272
 CHAPMAN, HAROLD. Further cases illustrating ill-effects to maxillary arch of loss of mandibular teeth, 1188
 —. Note on extraction in orthodontic cases, 561
 CLAYTON, JOHN M. Dentistry for children, 685
 CLINCH, LILAH. Variations in mutual relationships of maxillary and mandibular gum pads in newborn child, 359
 CUNNINGHAM, J. S. (See Arnold, Edmond B., and Cunningham, J. S.), 577
 CUTLER, ROBERT. Malocclusion accentuating a facial deformity, 1185

D

- D'ALISE, C. Orthodontia and facial orthopedics, 941
 DELABARRE, FRANK A. Diagnosis of antero-cclusion, 242
 —. Orthodontia's responsibility for dental health, 919
 DWYER, H. SHIRLEY. Study of liability to decay, of deciduous teeth of school children, 86
 —. Timmy McGonigal goes to camp, 1125

E

- EASLICK, KENNETH A. Operative procedure in management of deciduous molars, 585
 EATON, RALPH W. Mandibular bite plate with chin-occipital traction and chin anchorage, 573
 Erikson, B. Edwin. Controlled root movement with 0.021 round wire and bracket bands, 270

F

- FISCHER, LOUIS. Interrelationship between orthodontia and pediatrics, 419
 FLESHER, W. E. President's address, American Society of Orthodontists, 215
 FRIEL, SHELDON. Practical application of stainless steel in construction of fixed orthodontic appliances, 972

G

- GARDNER, MARK A. Calcium activators: cod liver oil, viosterol, and haliver oil, 1101
 GARDNER, THOMAS A. Children of America challenge the dental profession, 1014
 GARRETT, STEVE A. Advancement of children's dentistry, 184
 GERLACH, L. A. Activities of dental department of Milwaukee Health Department, 1120
 GILE, HOLLAND. Children's dentistry and orthodontia, 998
 GILKISON, CONRAD C. Adenocarcinoma of hard palate, 145
 GOLDEN, ERIC H. Modern scientific photography for orthodontists, using miniature camera, 1043
 —. Space maintainers featuring use of stainless steel, 92
 GRAY, JOHN T. Influence of pressure on osseous growth and function, 318
 GRAY, NORMAN. Possibilities of, and difficulties associated with, fixed appliance work, 776
 GREGORY, WILLIAM K. Some new models illustrating evolution of human dentition, 1077

H

- HARDY, E. A. Cleft palate and harelip; adolescent case treated orthodontically in conjunction with a lip-stretching device and skin grafting of labial sulcus, 750
 HARPER, HORACE J. Studies on phosphorus and calcium content of vegetation as affected by soil and climatic conditions, 534
 HAYTON-WILLIAMS, D. S. Hereditary malocclusion, 663
 HENRY, O. Importance of nasal breathing in correcting some types of malocclusion, 129
 HILLEBOE, GUY L. How dental health may be taught in public schools, 63
 HOGEBOOM, FLOYDE EDDY. Unerupted molar and premolar type of functional space retainer, 808

J

- JACKSON, A. F. Method of treating cross-bite, 467
 JOHNSON, A. LEROY. The utilization of biologic principles in study and treatment of malocclusion of teeth, 4

JOHNSON, JOSEPH E. New orthodontic mechanism: twin wire alignment appliance, 946

K

- KABNICK, STUART. Chemical treatment of several of the diseases of oral tissues with special emphasis upon teeth with nonvital pulps, 1190
 KELLY, EUGENE J. Correction of open-bite case complicated by extreme narrowness of maxillary arch, 122
 KELSEY, HARRY E. Fracture splint for simple or multiple fractures of mandible or maxilla, practical and of easy construction by the orthodontist, 266
 KING, F. L. Impacted canines and missing lateral incisors, 669
 KOHN, LEONARD. Orthodontia and its relationship to medical anomalies, 595
 KOSTEČKA, F. Contribution to surgical treatment of open-bite, 1082
 KREGARMAN, S. L. Low lingual arch and case report of abnormal overbite, 1063

L

- LAMONS, FRANK F. Importance of dentistry for children, 383
 LISCHER, B. E. Treatment of dental anomalies, 525
 LOCKE, JAMES D. President's address, Great Lakes Association of Orthodontists, 1
 LOWY, RICHARD. Maxillary protraction and mandibular retraction, 1173
 LUDINGTON, PAUL. Enamel, 1025.
 LUSSIER, EARL F. Complete linguoversion of mandibular teeth to maxillary teeth, 658
 LYONS, DON CHALMERS. Cystic degeneration of the mandible as the end-result of osteomyelitis forty years previously, 48
 LYTLE, MARY W. Business aspect of conduct of dental practice for children, 274

M

- MCCARTHY, ELEANOR G. Public education, 913
 MCFALL, WALTER T. Educational principles in public dental health instruction, 1006
 —. Practical mouth hygiene truths with results, 387
 MCKNIGHT, J. B. Tuberculosis in children, 324
 MCLEOD, A. C. R. Incisor tooth deficiency in three generations, 672
 MARGOLIS, HERBERT I. Facial-dental casts and records, 875
 MARINUS, CARLETON JAMES. Observations regarding dental development of children with endocrine disturbances, 229
 MARSHALL, JOHN ALBERT. Classification, etiology, diagnosis, prognosis and treatment of radicular resorption of teeth, 731
 MARTIN, R. E., AND RINESMITH, H. W. Technic for cast inlays, overlays and space maintainers 1210
 MARTINEK, C. EDWARD. Brief review of growth of jaws, 1097
 MERRICK, HAZEL M. Preventive dentistry in public health, 489
 MESSNER, C. T. Functions of committee for dental health survey, 705
 MICHAELIS, MURIEL P. Moving teeth over the bite, 375
 MOORE, GEORGE R. Use of Maxwell's law in combination with new instrument in design of orthodontic springs, 887
 MORGAN, GEORGE E. Outline of pedodontia course as taught at Marquette University, 829

N

- NASH, FRANK. Treatment of a neutroclusion mutilated case, 645

O

- OPPENHEIM, ALBIN. Practical suggestion, 894
 —. The crisis in orthodontia, 18, 137, 250, 331, 461, 542, 639, 759, 964, 1072, 1178

P

- PAFFENBARGER, GEORGE C., AND SWEENEY, WILLIAM T. Dental research at National Bureau of Standards, in relation to orthodontia, 1166
 PATTON, E. W. Orthodontic aspect of conduct of dental practice for children, 278

Q

- QUINBY, E. MELVILLE. Mouth health and general health, 906

R

- RABINE, MILTON. Psychologic rehabilitation of child with insertion of prosthetic restoration, 505
 RINESMITH, H. W. (See Martin, R. E., and Rinesmith, H. W.), 1210
 ROSE, J. ELON. Differential diagnosis of certain types of facial deformities and their treatment, 222

S

- SAMUEL, BERTRAM. Some observations on orthodontic diagnosis, 259
 SCHELLING, CARL. Brief survey of orthodontics, 113
 SCHRODER, ELMER F. Development of children's dentistry in general practice, 512
 SHAFER, HARRY B. Children's dentistry, an important factor in dental economics, 179
 —. If deciduous teeth could talk, 828, 929, 1013, 1128, 1219
 SHAPIRO, HARRY H. Muscles of mastication, their relation to problems in orthodontic treatment, 12
 SMITH, C. CARROLL. Building good teeth, 612
 —. Correlating dental health instruction with modern public school program, 74
 —. Growing and protecting our teeth, 613
 —. Skytebacks in mouth canyon, 510
 —. The human machine, 614
 —. Why dental health education in public schools, 173
 SMYTH, K. C. Some cases of lingual relationship of mandibular molars, 481
 SORENSON, OTTO J. Elevating a submerged deciduous molar, 59
 SORRELS, HARRY H. Cast gold restoration and retaining appliance, 896
 —. Educating general practitioner on orthodontia and children's dentistry, 515
 SPAHN, CHARLES A. Treatment of neutroclusion, 627
 SPEERS, WILLIAM J. Auxiliary loop as necessary adjunct in lingual wire technic, 356
 SPENCER, P. G. A few practical aids in prevention of malocclusion, 921
 SPINNEY, H. L. Growth and development in relation to children and orthodontic problems, 604
 STEADMAN, F. ST. J. Some cases of lingual relationship of mandibular molars, 478
 STEVENSON, W. B. President's address, Southwestern Society of Orthodontists, 315
 STRUSSER, HARRY. Universal dental care for children, 799
 SWEENEY, WILLIAM T. (See Paffenbarger, George C., and Sweeney, William T.), 1166
 SWEET, CHARLES A. Saving Young America's teeth, 1108

T

- TANZEY, HUGH GRUN. Posterocclusion, 555
 TASSMAN, GUSTAV C. Operative dentistry for children, 402
 TAYLOR, ANNIE. Good health via mouth health, 1027
 —. Mouth health education program in Georgia, 70
 —. Mouth hygiene for children, 1216
 TAYLOR, KIRMAN E. Safe and simple method of operating on and elevating impacted canines, 352

- THOMPSON, EDWARD L. Acute osteomyelitis, 51
 TURNER, GEORGE L. Photography with process films as positive prints, 569
 TURNER, J. V. Technic of flaskless casting, 291

V

- VISICK, H. C. Possibilities of, and difficulties associated with, fixed appliance work, 770
 VOSS, ALBERT E. Standardizing the orthodontist's photographic equipment and technic, 666

W

- WALLACE, J. SIM. Further thoughts on reading "Etiology" by Brash, 150
 WARRINER, W. W. Pulpitis, 1104
 WATKINS, H. G. Treated cases, 841
 WEEKS, HAIDEE. Child's mouth, 282
 WEINBERGER, BERNHARD WOLF. Evolution of orthodontic appliance from series of reconstructed specimens, 1182
 —. Plea for more scientific procedure in presenting our orthodontic problems, 1093

- WILLETT, R. C. An unusual infant diet and its questionable effect upon dentition, 432

- WILLIAMS, CURTIS. Method of soldering half round wire to lingual base wire, 997
 WILLIAMS, G. HEWETT. Types of springs used with high labial arch, 265
 WILLIAMS, JOSEPH H. Removable retainer and lingual lock spring, 675
 WILLIAMS, PERCY NORMAN. Accurate and original method of determining sagittal plane, 969
 WILSON, C. WILFORD. Copper amalgam—high silver amalgam, 1018
 WISAN, J. M. Emergency dental relief: New Jersey plan, 897
 —. Should the dentist prescribe a diet? 497
 WRIGHT, HARRY BERNARD. Cleft palate found in only one of identical twins, 649

Y

- YOUNG, GLENN F. Anatomic overlays, 268
 —. Anteroclusion and apparent anteroclusion, 349

SUBJECT INDEX

A

- Abnormalities, dental, for orthodontist's consideration, 1145
- Abscessed and putrescent pulps, 593
- Adenocarcinoma of hard palate, 145
- Alignment appliance, twin wire, 946
- Allergy, nasal, perennial, facial and dental deformities due to, in childhood, 445
- Alloy, chrome, 337, 932
 - low cost, formulas for, 1215
- Alveolar bone, diffuse atrophy of (book review), 720
- Amalgam, copper, and high silver amalgam, 1018
 - silver, high, and copper amalgam, 1018
- American Board of Orthodontists, 728
- American Dental Assistants Association, 626, 730
- American Society for Promotion of Dentistry for Children, 523, 625, 729
 - report of college committee, 187
 - report of committee on standardization of dental examination charts, 508
- American Society of Orthodontists, comment on program of meeting at Oklahoma City, 105
 - committees of, 109
 - committee reports presented at thirty-second annual meeting, 784
 - meeting in New York in 1935, 619
 - meeting in Oklahoma City in 1933, 102
 - minutes of thirty-second annual meeting, 677
 - president's address, 215
- Ammoniacal silver nitrate, formula for, 404
- Anatomic overlays, 268
- Anchor bands, 772
- Anchorage, Baker, Dr. Henry A. Baker and, 1036
 - chin, and chin-occipital traction, mandibular bite plate with, 573
- Anesthesia, practical, for dental and oral surgery (book review), 623
- Anomalies, dental, treatment of, 525
 - medical, orthodontia in relationship to, 595
- Anteroclusion and apparent anteroclusion, 349
- diagnosis of, 242
- Appliance, alignment, twin wire, 946
 - fixed, possibilities of and difficulties associated with, 770, 776
 - orthodontia, evolution of, from series of reconstructed specimens, 1182
 - retaining, cast gold restoration and, 896
- Appliances, causes of breaking, 778
 - corrective therapeutic, 322
 - fixed, stainless steel in construction of, 972
 - resolutions about, 1037
- Arch, Ellis, construction of, with chrome alloy, 345
 - high labial, types of springs used with, 265
 - lingual, low, and abnormal overbite, 1063
 - maxillary, extreme narrowness of, complicating open-bite, 122
 - ill-effects to, from loss of mandibular teeth, 1188
 - retraction, 774
- Artist looks at dentistry (abstract), 411
- Association of American Women Dentists, 314, 418, 624, 729
- Auxiliary loop as necessary adjunct in lingual wire technic, 356
 - springs of chrome alloy, procedure for attaching, 346

B

- Bacterial infection (book review), 622
- Bacteriologic study of teeth with nonvital pulps by hollow drill method, 1206
- Baker, Henry Albert, and Baker anchorage, 1036
 - in memoriam, 725
- Band materials, 772

- Bands, anchor, 772
 - bracket, controlled root movement with 0.021 round wire and, 270
 - chrome alloy, fitting mandibular molars, 341
- Barium meal, 633
- Bednar's aphthae, 427
- Biologic principles, utilization of, in study of treatment of malocclusion of teeth, 4
- Biology, tooth, new thought on (book review), 717
- Bite, jumping, 771
 - moving teeth over, 375
 - plane, soft rubber, 135
 - plate, mandibular, with chin-occipital traction and chin anchorage, 573
- Bone development and diet (abstract), 617
- Book of teeth, child's (book review), 1029
- Bottle feeding and breast feeding (abstract), 518
- Bracket bands, controlled root movement with 0.021 round wire and, 270
- Brash's "Etiology," further thoughts on reading, 150
- Breakage of appliances, causes of, 778
- Breast feeding and bottle feeding (abstract), 518
- Breathing, nasal, importance of, in correcting some types of malocclusion, 129
- Building good teeth, 612
 - sound teeth, 79
- Business aspect of conduct of dental practice for children, 274

C

- Calcium activators, 1101
 - and phosphorus content of vegetation as affected by soil and climatic conditions, 534
- Camera, miniature, in photography for orthodontists, 1043
- Camp, Timmy McGonigal goes to, 1125
- Canines, impacted, and missing lateral incisors, 669
 - operating on and elevating, safe and simple method for, 352
- Simon's orbital law of, and philosophy of as-if, 25
- Care, universal dental, for children, 799
- Caries, dental, relationship of *L. acidophilus* to, 840
 - effect of, 804
- Cases treated, 841
- Cast gold restoration and retaining appliance, 896
 - inlays, overlays, and space maintainers, technic for, 1210
- Casting, flaskless, technic of, 291
- Casts and records, facial-dental, 875
- Cavities, pit and fissure, 586
 - proximal, 586
- Cavity lining, 591
 - preparation, 590
- Cementation, 353
- Cements, practical laboratory tests on, 1171
 - zinc phosphate, 1170
- Changes in mouth cavity during period of menstruation (abstract), 1221
- Changing scenery, 936
- Charts, orthodontic, method of preparing, 1095
- Chemical treatment of several diseases of oral tissues with special emphasis upon teeth with nonvital pulps, 1190
- Chicago Dental Society, 109
- Chicago midwinter meeting, 1041, 1145, 1235
- Child, edentulous, 602
 - examination of, 598
 - guidance movement and pediatric psychology, 191, 298
 - management, 688
 - mouth of, 282
 - psychologic rehabilitation of, with insertion of prosthetic restoration, 505

- Child's book of teeth (book review), 1029
 Childhood, perennial nasal allergy in, facial and dental deformities due to, 445
 Children, dentistry for, 685
 mouth hygiene for, 1216
 of America challenge dental profession, 1014
 operative dentistry for, 402
 school, dental care for, 413
 indigent, treatment for, 899
 tuberculosis in, 324
 universal dental care for, 799
 with endocrine disturbances, dental development of, 229
 Children's dentistry, advancement of, 184
 and orthodontia, 998
 development of, in general practice, 512
 importance of, 383
 important factor in dental economics, 179
 responsibility of, for dental health, 917
 Chin-occipital traction and chin anchorage, mandibular bite plate with, 573
 Chinese, teeth of, observations on (abstract), 616
 Chrome alloy, 337, 932
 Class I malocclusion, missing mandibular right lateral incisor, 272
 Clean tooth will not decay, debate on, 485
 Cleft palate and harelip treated orthodontically in conjunction with lip-stretching device and skin grafting of labial sulcus, 750
 in only one of identical twins, 649
 Climatic and soil conditions, phosphorus and calcium content of vegetation as affected by, 524
 Clinical aspect of conduct of dental practice for children, 378
 Cod liver oil, 1101
 Coil springs as application of force, 577
 Committee for Dental Health Survey, functions of, 705
 on standardization of dental examination charts, report of, 508
 Continuously acting force, does it guarantee best biologic and clinical results, 331, 461
 Controlled root movement with 0.021 round wire and bracket bands, 270
 Copper amalgam and high silver amalgam, 1018
 Correspondence, 101
 Cost, counting, 933
 Counting the cost, 933
 Crisis in orthodontia, 18, 137, 250, 331, 461, 542, 639, 759, 964, 1072, 1178
 Cross-bite, method of treating, 467
 Cystic degeneration of mandible as end-result of osteomyelitis after forty years, 48

D

- Debate of the century, that a clean tooth will not decay, 485
 Decalcification of enamel, 741
 Decay, battle against, 398
 clean tooth will not decay, debate on, 485
 liability of deciduous teeth to, 86
 Deciduous molar, elevating a submerged, 59
 first, problem of, 1225
 molars, causes of failure of eruption of, 1023
 operative procedures in management of, 585
 teeth, liability of, to decay, 86
 submerged, 500
 Dental abnormalities for orthodontist's consideration, 1145
 and facial deformities due to perennial nasal allergy in childhood, 445
 and oral surgery, practical anesthesia for (book review), 623
 anomalies, treatment of, 525
 care for school children, 413
 universal, for children, 799
 caries, relationship of *L. acidophilus* to, 840
 development of children with endocrine disturbances, 229
 economics, children's dentistry an important factor in, 179
 health education in public schools, 173
 instruction, correlating, with modern public school program, 74
 of public, educational principles in, 1006
 orthodontia's responsibility for, 919
 Dental health—Cont'd
 responsibility of children's dentistry for, 917
 survey, functions of committee for, 705
 teaching of, in public schools, 63
 mutations (abstract), 409
 periodical literature, index of (book review), 213, 1142
 practice for children, business aspect of, 274
 clinical aspect of, 378
 orthodontic aspect of, 278
 profession, children of America challenge, 1014
 relief, emergency, New Jersey plan, 897
 research at National Bureau of Standards in relation to orthodontia, 1166
 Society of State of New York, 1144, 1236
 student, should he treat orthodontic cases, 1223
 survey, 898
 Dentistry, artist looks at (abstract), 411
 exhibit for, at Century of Progress, International Exposition, Chicago, 1933, 1934 (book review), 1234
 for children, 685
 advancement of, 184
 and orthodontia, 998
 development of, in general practice, 512
 importance of, 383
 important factor in dental economics, 179
 responsibility of, for dental health, 917
 operative, for children, 402
 preventive, in public health, its relation to private practice, 489
 revival of, 210
 socialized, recent action on, 1233
 textbook of (book review), 833
 Dentist's problem, 1033
 Dentition, human, evolution of, new models illustrating, 1077
 questionable effect of unusual infant diet on, 432
 Department of Health of Milwaukee, activities of dental department of, 1120
 Deficiency of incisors in three generations, 672
 Deformities, facial and dental, due to perennial nasal allergy in childhood, 445
 differential diagnosis of certain types of, and their treatment, 222
 Deformity, facial, accentuated by malocclusion, 1185
 Developing and enlarging in use of miniature camera, 1059
 Development and growth in relation to children and orthodontic problems, 604
 normal, of dentition, 998
 Dewey, Martin, in memoriam, 794
 Diagnosis, differential, of certain types of facial deformities and their treatment, 222
 of anterocclusion, 242
 orthodontia, some observations on, 259
 Diet and bone development (abstract), 617
 balanced (abstract), 617
 infant, unusual, and its questionable effect upon dentition, 432
 should dentist prescribe, 497
 Differential diagnosis of certain types of facial deformities and their treatment, 222
 Digestion in mouth (book review), 837
 Dimensions and form of palate in newborn, 694, 810
 Diphtheria, 425
 Directory, Fisher's, orthodontic (book review), 618
 Diseases, contagious, 398
 of oral tissues, chemical treatment of, 1190
 Distocclusion, etiology (book review), 833
 Drill, hollow, method for bacteriologic study of teeth with nonvital pulps, 1206

E

- Economics, 686
 dental, children's dentistry an important factor in, 179
 Edentulous child, 602
 Education, dental health, in public schools, 173
 of public regarding mouth health, 913
 orthodontia, resolutions on, 1137
 program, mouth health, in Georgia, 70

- Educational principles in public dental health instruction, 1006
 program in dental health, 898
 Ellis arch, construction of, with chrome alloy, 345
 Enamel, 1025
 matrix, decalcification of, 741
 mottled, and fluorine, 1223
 Endocrine disturbances, children with, dental development of, 229
 Eruption of teeth (book review), 717
 Etiology by Brash, further thoughts on reading, 150
 European Orthodontological Society, 314, 418, 1236
 Evolution of human dentition, new models illustrating, 1077
 of orthodontic appliances from series of reconstructed specimens, 1182
 Examination of child, 598
 Exhibit for dentistry at Century of Progress, International Exposition, Chicago, 1933, 1934 (book review), 1234
 Extraction in orthodontic cases, 561
 of teeth in treatment, 1230
- F**
- Facial and dental deformities due to perennial nasal allergy in childhood, 445
 deformities, differential diagnosis of certain types, and their treatment, 222
 deformity accentuated by malocclusion, 1185
 dental casts and records, 875
 orthopedia and orthodontia, 941
 Fahrney, Samuel Wilbur, in memoriam, 796
 Fee, naming the, 1132
 or service, 1226
 Feeding by breast and by bottle (abstract), 518
 Filling materials, 586
 Film for miniature camera, 1047
 Films, process, as positive prints in photography, 569
 Finger springs, 773, 778
 First permanent tooth, 399
 Fisher, William Cummins, in memoriam, 795
 Fisher's Orthodontic Directory of World (book review), 618
 Fissure, 586
 Fixed appliance, possibilities and difficulties associated with, 770, 776
 Flaskless casting, technic of, 291
 Flowers for the living, 520
 Fluorine and mottled enamel, 1223
 Focusing miniature camera, technic of, 1050
 Food selection, 395
 Force, coil springs as application of, 577
 Form and dimensions of palate of newborn, 694, 810
 Formulas for low cost alloy, 1215
 Forum, 209, 931, 935, 1032, 1132, 1223
 Fracture splint for simple or multiple fractures of mandible or maxilla, 266
 Function and growth, osseous, influence of pressure on, 318
- G**
- Gagging patient, helping the, 1034
 General practice, development of children's dentistry in, 512
 practitioner, educating, in orthodontia and children's dentistry, 515
 Georgia, mouth health education program in, 70
 Gold restoration, cast, and retaining appliance, 896
 wire, wrought, 1167
 Gottlieb, Orban, Schwarz, and Marshall, publications on orthodontia by, critical review of, 964, 1072, 1178
 Grafting, skin, of labial sulcus, 750
 Great Lakes Association of Orthodontists, 313, 417, 728, 1235
 president's address, 1
 Growth and development in relation to children and orthodontic problems, 604
 and function, osseous, influence of pressure on, 318
 and protecting teeth, 613
 of jaws, brief review of, 1097
- Guide plane, soft rubber, 135
 Gum pads in newborn child, variations in mutual relationships of, 359
- H**
- Habits to avoid, 400
 Halitosis, 428
 Haliver oil, 1101
 Hard palate, adenocarcinoma of, 145
 Harelip and cleft palate treated orthodontically in conjunction with lip-stretching device and skin grafting of labial sulcus, 750
 Health, dental, education in public schools, 173
 instruction, correlating, with modern public school program, 74
 orthodontia's responsibility for, 919
 responsibility of children's dentistry for, 917
 teaching of, in public schools, 63
 Department of Milwaukee, activities of dental department of, 1120
 general, mouth health and, 906
 instruction, dental, public, educational principles in, 1006
 insurance, recent action on socialized dentistry, 1233
 mouth, and general health, 906
 educational program in Georgia, 70
 program, school, 1111
 public, preventive dentistry in, its relation to private practice, 489
 Heat treatment of wire, 1168
 Hereditary malocclusions, 663
 Heredity, contribution to study of, 107
 Herpes, 427
 Hinman, Thomas P., midwinter clinic, 109, 214
 Hollow drill method for bacteriologic study of teeth with nonvital pulps, 1206
 Human dentition, evolution of new models illustrating, 1077
 machine, 614
 Hygiene Commission of International Dental Federation, 523, 625
 mouth (book review), 1040
 for children, 1216
 good health via, 1027
 practical truths with results, 387
- I**
- Identical twins, 649, 1133
 Idiot, skull of, 25
 If deciduous teeth could talk, 828, 929, 1013, 1128, 1219
 Impacted canines and missing lateral incisors, 669
 operating on and elevating, safe and simple method for, 352
 teeth, treatment of, 894
 In memoriam, Baker, Henry Albert, 725
 Rhobotham, F. Blaine, 725
 Stahle, Helen R., 312
 Incisor, mandibular right lateral, missing, in Angle's Class I, 272
 region, maxillary, irregularity in, 580
 Incisors, central, maxillary, traumatic loss of, 583
 deficiency in three generations, 672
 lateral, missing, and impacted canines, 669
 maxillary, excessive overriding, 451
 Index of periodical dental literature (book review), 213, 1142
 Indigent school children, treatment for, 899
 Infant diet, unusual, and its questionable effect upon dentition, 432
 Infection, bacterial (book review), 622
 Inlays, cast, technic for, 1210
 Instructions for mother, 396
 Instrument, new, in design of orthodontic springs, 887
 Insurance, health, recent action on socialized dentistry, 1233
 Irregularity in maxillary incisor region, 580
- J**
- Jaws, growth of, brief review of, 1097
 Journal, Spanish orthodontia (review), 1131
 Jumping the bite, 771

K

Kansas, Missouri and Oklahoma tri-state meeting, 109, 214, 313, 417

L

Labial arch, high, types of springs used with, 265
 Laboratories, mail order orthodontia, resolutions on, 1039
 Laboratory, orthodontic, racks, 722
 Lens for miniature camera, 1044
 Leucemia, 426
 Life cycle of pulp (abstract), 306
 Ligatures, 774
 Light for miniature camera, 1048
 Lingual arch, low, and abnormal overbite, 1063
 lock spring, 675
 relationship of mandibular molars, 478, 481
 wire technic, auxiliary loop as necessary adjunct in, 356
 Linguoversion of mandibular teeth to maxillary teeth, 658
 Lip-stretching device, 750
 Lock spring, lingual, 675
 Loop, auxiliary, as necessary adjunct in lingual wire technic, 356

M

Mail order orthodontia laboratories, resolutions on, 1039
 Malocclusion accentuating facial deformity, 1185
 biologic principles in study of treatment of, 4
 causes of, and early steps for correction or prevention, 1002
 hereditary, 663
 importance of nasal breathing in correcting some types of, 129
 in dogs (abstract), 97
 prevention of, practical aids in, 921
 Mandible, cystic degeneration of, as end-result of osteomyelitis after forty years, 48
 splint for simple or multiple fractures of, 266
 Mandibular bite plate with chin-occipital traction and chin anchorage, 573
 molar bands of chrome alloy, procedure for fitting, 341
 molars, lingual relationship of, 478, 481
 premolars, rotation of, 1134
 retraction and maxillary protraction, 1173
 right lateral incisor missing in Angle's Class I, 272
 teeth in complete linguoversion to maxillary teeth, 658
 loss of, ill-effects to maxillary arch from, 1188
 Marquette University, pedodontia course at, 829
 Marshall, Gottlieb, Orban, and Schwarz, publications on orthodontia by, critical review of, 964, 1072, 1178
 Mastication, mechanics (book review), 837
 muscles of, their relation to problems in orthodontic treatment, 12
 Maxilla, splint for simple or multiple fractures of, 266
 Maxillary and mandibular gum pads in newborn child, variation in mutual relationships of, 359
 arch, extreme narrowness of, complicating open-bite, 122
 ill-effects to, from loss of mandibular teeth, 1188
 central incisors, traumatic loss of, 583
 incisor region, irregularity in, 580
 protraction and mandibular retraction, 1173
 teeth, complete linguoversion of mandibular teeth to, 658
 Maxwell's law in combination with new instrument in design of orthodontic springs, 887
 Measles, 425
 Medical anomalies, orthodontia in relationship to, 595

Menstruation, changes in mouth cavity during (abstract), 1221
 Mid-Southern Postgraduate Dental Clinic, 939
 Midwinter meeting of Chicago Dental Society, 1041, 1144, 1235
 Migration of tooth germs (abstract), 1220
 Milwaukee Health Department, activities of dental department of, 1120
 Miniature camera in photography for orthodontists, 1043
 Missing lateral incisors and impacted canines, 669
 mandibular right lateral incisor in Angle's Class I, 272
 Models, new, illustrating evolution of human dentition, 1077
 Molar and premolar, unerupted, type of functional space retainer, 808
 bands, mandibular, of chrome alloy, procedure for fitting, 341
 deciduous, elevating submerged, 59
 first, problem of, 1225
 first permanent, 399
 Molars, deciduous, causes of failure of eruption of, 1023
 consecutive steps in inlay technic for, 1210
 operative procedures in management of, 585
 mandibular, lingual relationship of, 478, 481
 permanent, do they belong to second dentition (abstract), 205
 Mother, telling the, 715
 Mottled enamel and fluorine, 1223
 Mouth canyon, Skytebacks in, 510
 cavity, changes in, during menstruation (abstract), 1221
 child's, 282
 digestion (book review), 837
 health and general health, 906
 education program in Georgia, 70
 hygiene (book review), 1040
 for children, 1216
 good health via, 1027
 practical truths with results, 387
 Movement, root, controlled, with 0.021 round wire and bracket bands, 270
 Moving teeth over the bite, 375
 Mumps, 426
 Muscles of mastication, relation of, to problems in orthodontic treatment, 12
 pressure changes due to functional, 318
 Mutation, dental (abstract), 409
 Mutilated case of neutroclusion, treatment of, 645

N

Nasal allergy, perennial, facial and dental deformities due to, in childhood, 445
 breathing, importance of, in correcting some types of malocclusion, 129
 National Bureau of Standards, dental research in relation to orthodontia, 1166
 Neutroclusion mutilated case, treatment of, 645
 treatment of, 627
 New Jersey plan of emergency dental relief, 897
 New York Society of Orthodontists, report of fall meeting, 1237
 Newborn child, gum pads in, variations in mutual relationships of, 359
 palate in, form and dimensions of, 694, 810
 News and notes, 109, 214, 313, 417, 522, 624, 727, 939, 1041, 1144, 1235
 Noma, 427
 Nonvital pulps, chemical treatment of, 1190
 hollow drill method, bacteriologic study of, 1206
 North Atlantic Orthodontic Society, 939
 Nose rubbing, 445
 wrinkling, 446
 Notes of interest, 111, 314, 524, 626, 730, 940, 1042, 1144

O

Occlusion traumatic (book review), 720
 Open-bite complicated by extreme narrowness of maxillary arch, 122
 surgical treatment of, contribution to, 1082
 Operative dentistry for children, 402
 Operative origin, pathologic condition of, 1135
 procedures for children, 689
 in management of deciduous molars, 585

- Oral tissues, diseases of, chemical treatment of, 1190
- Orban, Gottlieb, Schwarz, and Marshall, publications on orthodontia by, critical review of, 964, 1072, 1178
- Orbital law of canines, Simon's, and philosophy of as-if, 25
- Orthodontia and children's dentistry, 998 and facial orthopedia, 941 and pediatrics, interrelationship between, 419 and prophylaxis, 1034 crisis in, 18, 137, 250, 331, 461, 542, 639, 759, 964, 1072, 1178 critical review of publications on, by Gottlieb, Orban, Schwarz, and Marshall, 964, 1072, 1178 dental research in relation to, at National Bureau of Standards, 1166 in relationship to medical anomalies, 595 responsibility of, for dental health, 919 textbook on, Spanish (book review), 1129 what about "hand me down" orthodontia, 932 x-ray examination in, 931
- Orthodontic appliance, evolution of, from series of reconstructed specimens, 1182 aspect of conduct of dental practice for children, 478 cases, extraction in, 561 charts, method of preparing, 1095 diagnosis, some observations on, 259 education, resolutions on, 1137 journal, Spanish (review), 1131 laboratory racks, 722 problems, plea for more scientific procedure in presenting, 1093 treatment, muscles of mastication in, 12 psychology of, 158 what is, 1034
- Orthodontics, brief survey of, 113
- Orthodontist's consideration of dental abnormalities, 1145 photographic equipment and technic, standardizing, 666
- Orthopedic, facial, and orthodontia, 941
- Oseous growth and function, influence of pressure on, 318
- Osteomyelitis, acute, 51 cystic degeneration of mandible as end-result of, after forty years, 48
- Overbite, abnormal, low lingual arch and, 1063
- Overlays, anatomic, 268 technic for, 1210
- P
- Pacific Coast Society of Orthodontists, 728, 1041 resolutions of Southern California Section of, 938
- Pain encountered in root therapy, treatment of, 1207
- Palate, cleft, and harelip, treated orthodontically in conjunction with lip-stretching device and skin grafting of labial sulcus, 750 in only one of identical twins, 649 hard, adenocarcinoma of, 145 in newborn, form and dimensions of, 694, 810 V-shaped, 451
- Pathologic condition of operative origin, 1135
- Patient, gagging, helping the, 1034
- Pediatric psychology and child guidance movement, 191, 298
- Pediatrics and orthodontia, interrelationship between, 419
- Pedodontia, outline of course at Marquette University, 829
- Permanent molars, do they belong to second dentition (abstract), 205
- Philosophy of as-if and Simon's orbital law of canines, together with certain remarks on skull of an idiot, 25
- Phosphorus and calcium content of vegetation as affected by soil and climatic conditions, 534
- Photographic equipment and technic, standardizing orthodontist's, 666 technic for miniature camera, 1057
- Photographs for record, 1060
- Photography for orthodontists, using miniature camera, 1043 with process films as positive prints, 569
- Pickling chrome alloy, 348
- Pit and fissure cavities, 586
- Plane, sagittal, accurate and original method of determining, 969
- Plate, bite, mandibular, with chin-occipital traction and chin anchorage, 573
- Polishing chrome alloy, 348
- Positive prints, process films as, in photography, 569
- Posteroclusion, 555
- Posture, faulty, 322
- Practical suggestion, 894
- Practice, dental, for children, business aspect of, 274 clinical aspect of, 378 orthodontic aspect of, 278 general, development of children's dentistry in, 512
- Practitioner, general, educating in orthodontia and children's dentistry, 515
- Premolar and molar, unerupted, type of functional space retainer, 808
- Premolars, mandibular, rotation of, 1134
- Preparing teeth for school, 394
- President's address, American Society of Orthodontists, 215 Great Lakes Association of Orthodontists, 1 Southwestern Society of Orthodontists, 315
- Pressure changes due to sequela of pathologic processes, 319 continuous, does it guarantee best biologic and clinical results, 331 influence of, on osseous growth and function, 318
- Prevention of malocclusion, practical aids in, 921
- Preventive dentistry in public health, its relation to private practice, 489 section of better dentistry meeting, report of, 171
- Prints, positive, process films as, in photography, 569
- Process films as positive prints in photography, 569
- Profession, dental, challenged by children of America, 1014
- Professional men and outdoors, 415
- Progressing, are we, 1032
- Prophylaxis and orthodontia, 1034
- Prosthetic restoration, psychologic rehabilitation of child with insertion of, 505
- Protecting teeth, 613
- Psi Omega fraternity, 523, 625, 729
- Psychologic rehabilitation of child with insertion of prosthetic restoration, 505
- Psychology of orthodontic treatment, 158 pediatric, and child guidance movement, 191, 298
- Public dental health instruction, educational principles in, 1006 education of mouth health, 913 health, preventive dentistry in, its relation to private practice, 489 schools, teaching dental health in, 63 why dental health education in, 173
- Pulp capping, 591 life cycle of (abstract), 306
- Pulpitis, 1104
- Pulps, abscessed and putrescent, 593 exposed, 592 nonvital, chemical treatment of, 1190 hollow drill method for bacteriologic study of, 1206
- R
- Radicular resorption of teeth, classification, etiology, diagnosis, prognosis, and treatment of, 731
- Record photographs, 1060
- Records and casts, facial-dental, 875
- Relief, emergency dental, New Jersey plan, 897
- Removable retainer and lingual lock spring, 675
- Report of college committee of American Society for Promotion of Dentistry for Children, 187 of preventive dentistry section of better dentistry meeting, 171

- Research, dental, at National Bureau of Standards in relation to orthodontia, 1166
- Resolutions about appliances, 1037
on orthodontic education, 1137
- Resorption, radicular, of teeth, classification, etiology, diagnosis, prognosis, and treatment of, 731
- Restoration, cast gold, and retaining appliance, 896
- Retainer, removable, and lingual lock spring, 675
space, functional, unerupted molar and premolar type of, 808
- Retaining appliance, cast gold restoration and, 896
- Retention, tissue changes during, 542, 639, 759
- Retraction arch, 774
- Review, critical, of publications on orthodontia by Gottlieb, Orban, Schwarz, and Marshall, 964, 1072, 1178
- Revival of dentistry, 210
- Rhobotham, F. Blaine, in memoriam, 725
- Rickets, 426, 428
- Rocky Mountain midwinter clinic, 1235
- Root movement, controlled, with 0.021 round wire and bracket bands, 270
therapy, treatment of pain in, 1207
- Rotation of mandibular premolars, 1134
- Rubber plane, soft, 135
- Rustless iron (abstract), 930
- S**
- Sagittal plane, accurate and original method of determining, 969
- Saving young America's teeth, 1108
- Scarlet fever, 425
- School children, deciduous teeth, liability of, to decay, 86
dental care for, 413
indigent, treatment for, 899
health program, 1111
preparing teeth for, 394
- Schools, public, teaching dental health in, 63
why dental health education in, 173
- Schwarz, Gottlieb, Orban, and Marshall, publications on orthodontia by, critical review of, 964, 1072, 1178
- Scientific procedure, plea for, in presenting orthodontic problems, 1093
- Scurvy, 426, 428
- Septotomy, Skogsborg's, 542, 639, 759
- Service, more, and more work, 839
or fee, 1226
- Silver amalgam, high, and copper amalgam, 1018
- Simon's orbital law of canines and philosophy of as-if, 25
- Skin grafting of labial sulcus, 750
- Skogsborg's septotomy, 542, 639, 759
- Skull of idiot, 25
- Skytebacks in mouth canyon, 510
- Socialized dentistry, recent action on, 1233
- Soil and climatic conditions, phosphorus and calcium content of vegetation as affected by, 534
- Solder problems in chrome alloy, 338
- Soldering half round wire to lingual base wire, 997
- Southern Society of Orthodontists, 109, 214, 313, 417, 625, 727
resolutions on mail order orthodontia laboratories, 1039
- Southwestern Society of Orthodontists, 624, 939
president's address, 315
report of fourteenth annual meeting, 1237
- Space maintainers featuring use of stainless steel, 92
functional, 1214
removable vulcanite, 1214
technic for, 1210
maintenance, 593
retainer, functional, unerupted molar and premolar type of, 808
- Spanish Orthodontic Journal (review), 1131
- textbook on orthodontia (book review), 1129
- Splint for simple or multiple fractures of mandible or maxilla, 266
- Spring, lingual lock, 675
- Springs, auxiliary, of chrome alloy, procedure of attaching, 346
coil, as application of force, 577
finger, 773, 778
Maxwell's law and new instrument in design of, 887
types of, used with high labial arch, 265
- Stahle, Helen R., in memoriam, 312
- Stainless steel (abstract), 930
in construction of fixed orthodontic appliances, 972
space maintainers featuring use of, 92
- Stand for miniature camera, 1050
- Standardizing orthodontist's photographic equipment and technic, 666
- Steel, stainless (abstract), 930
in construction of fixed orthodontic appliances, 972
space maintainers featuring use of, 92
- Stomatitis, 427
- Student dental, should he treat orthodontic cases, 1223
- Stuyvesant Polyclinic, 939
- Submerged deciduous teeth, 500
- Sulcus, labial, skin grafting of, 750
- Summa, Richard, in memoriam, 796
- Supernumerary tooth, 580
- Surgical treatment of open-bite, contribution to, 1082
- Survey, dental, 898
- Syphilis, 426
congenital, 428
- T**
- Technic for cast inlays, overlays, and space maintainers, 1210
lingual wire, auxiliary loop as necessary adjunct in, 356
of flaskless casting, 291
- Teeth, building good, 612
child's book of (book review), 1029
deciduous, if they could talk, 828, 929, 1013, 1123, 1219
submerged, 500
eruption (book review), 717
extraction of, in treatment, 1230
growing and protecting, 613
impacted, treatment of, 894
mandibular, ill-effects to maxillary arch from loss of, 1188
in complete linguoversion to maxillary teeth, 658
maxillary, complete linguoversion of mandibular teeth to, 658
moving over the bite, 375
of Chinese, observations on (abstract), 616
preparing for school, 394
radicular resorption of, classification, etiology, diagnosis, prognosis, and treatment of, 731
sound, building, 79
with nonvital pulps, chemical treatment of, 1190
young America's, saving, 1108
- Telling the mother, 715
- Temporomandibular joint of newborn child, 363
- Tests, practical laboratory, on cements, 1171
- Textbook of dentistry (book review), 833
of orthodontia, Spanish (book review), 1129
- Tissue changes during retention, 542, 639, 759
- Tissues, oral, diseases of, chemical treatment of, 1190
- Tonsillitis, 425
- Tools, 771
- Tooth biology, new thoughts on (book review), 717
clean, will not decay, debate on, 485
germs, migration of (abstract), 1220
- Toothbrush, why and how, 75
- Traction, chin-occipital, and chin anchorage, mandibular bite plate with, 573
- Trauma, 320
- Traumatic loss of maxillary central incisors, 583
occlusion (book review), 720
- Treated cases, 841

Treatment, chemical, of several of diseases of oral tissues with special emphasis upon teeth with nonvital pulps, 1190
 extra feature when deciding, 272
 of neutroclusion, 627
 orthodontic, psychology of, 158
 Tuberculosis, 426
 in children, 324
 Twin wire alignment appliances, 946
 Twins, identical, 1133
 cleft palate in only one of, 649
 Types of springs used with high labial arch, 265

U

Unerrupted molar and premolar type of functional space retainer, 808
 United States Public Health Service Survey, 309
 Universal dental care for children, 799

V

Vegetation, phosphorus and calcium content of, as affected by soil and climatic conditions, 534

Vincent's stomatitis, 427
 Viosterol, 1101

W

Watson, Milton Tate, in memoriam, 795
 Winter, George B., president-elect of American Dental Association, 841
 Wire, gold, wrought, 1167
 heat treatment of, 1168
 lingual, auxiliary loop as necessary adjunct in technic, 356
 soldering half round, to lingual base wire, 997
 Wrought gold wire, 1167
 Wires, body, 773

X

X-ray examination in orthodontia, 931

Z

Zinc phosphate cements, 1170

EDITORIALS

A contribution to the study of heredity, 107
 Baker, Dr. Henry A., and Baker anchorage, 1036
 Changing scenery, 936
 Comment on program of meeting of American Society of Orthodontists held in Oklahoma City, 105
 Dental care for school children, 413
 Extraction of teeth in treatment, 1230
 Flowers for the living, 520
 Forum, 935
 In memoriam, Baker, Henry Albert, 725
 In memoriam, Rhobotham, F. Blaine, 725
 In memoriam, Stahle, Helen R., 312

More service and more work 839
 New York meeting of American Society of Orthodontists next year, 619
 Orthodontic laboratory racks, 722
 Professional men and outdoors, 415
 Recent action on socialized dentistry, 1233
 Resolutions about appliances, 1037
 on orthodontic education, 1137
 Revival of dentistry, 210
 The 1933 meeting of American Society of Orthodontists at Oklahoma City, 102
 United States Public Health Service Survey, 309

